



Molecular Regulation Mechanisms of Tumor Progression: State-of-the-Art and Future Perspectives

Guest Editor:

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Message from the Guest Editor

Despite the recent explosion of knowledge on the possible molecular and cellular mechanisms implicated in tumor progression, the exact biological mechanisms are, in many cases, still not well understood. Tumor progression is an extremely complex, multistep and multifunctional biological process, and a better understanding of the underlying molecular events is pivotal for improvement in preventing and treating cancer. Although there are many well established molecular alterations that contribute to tumor progression and metastasis, the exact molecular mechanisms regulated by these alterations remain to be elucidated. Our limited understanding could be attributed to a broad range of factors, including an incomplete picture of the interplay between several pathways or cell type specificity of different pathways.

This Special Issue of the *International Journal of Molecular Sciences* therefore encompasses original and review articles on the molecular mechanisms of tumor progression in an effort to shed light on previously unknown and/or under-appreciated molecular events that ultimately lead to unfavorable clinical outcomes.





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Message from the Editor-in-Chief

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